6. Schematic Diagrams

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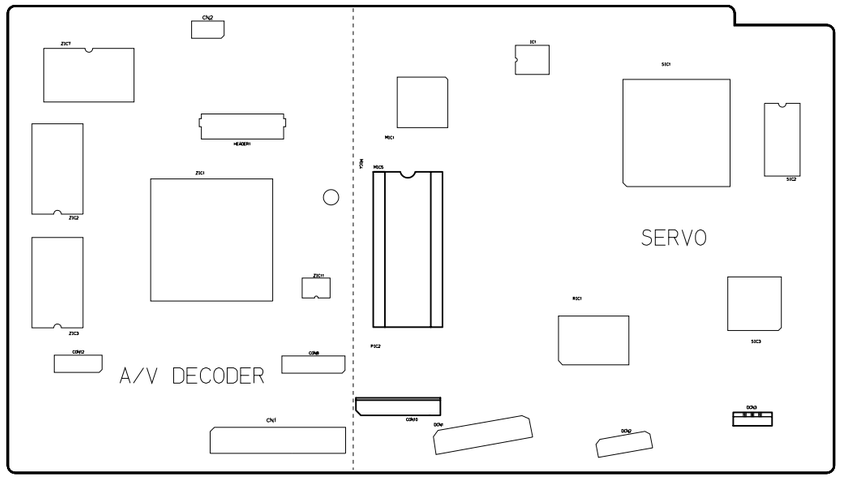
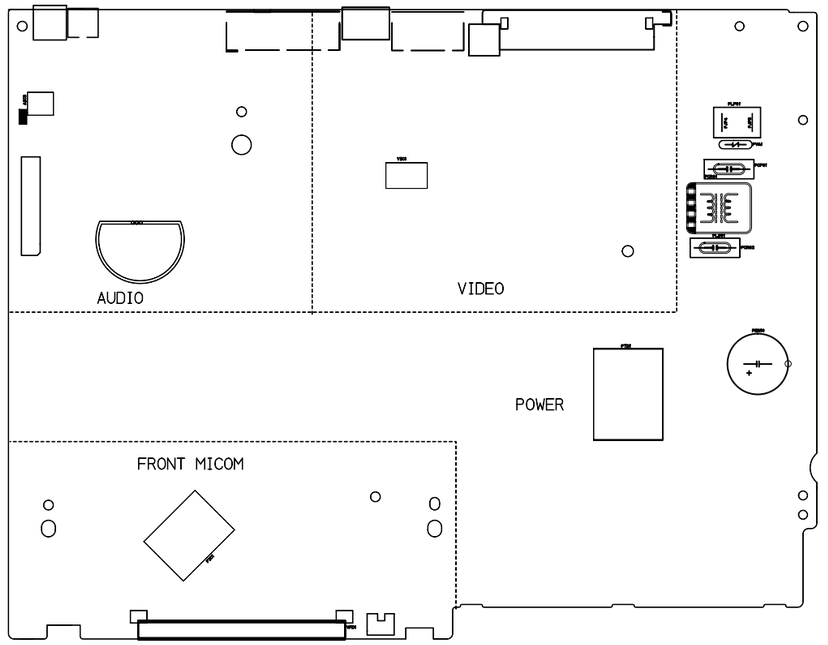
Block Identification of PCB

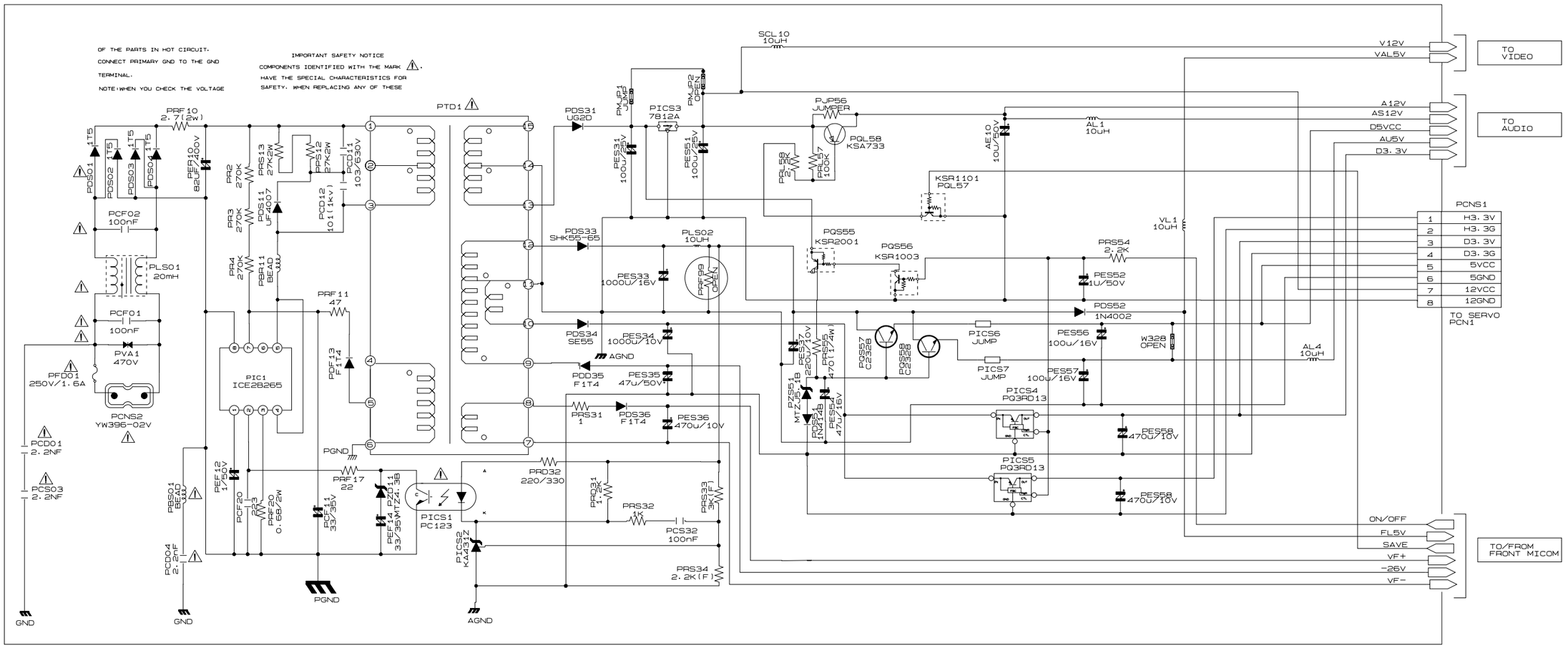


Main PCB (Component Side)

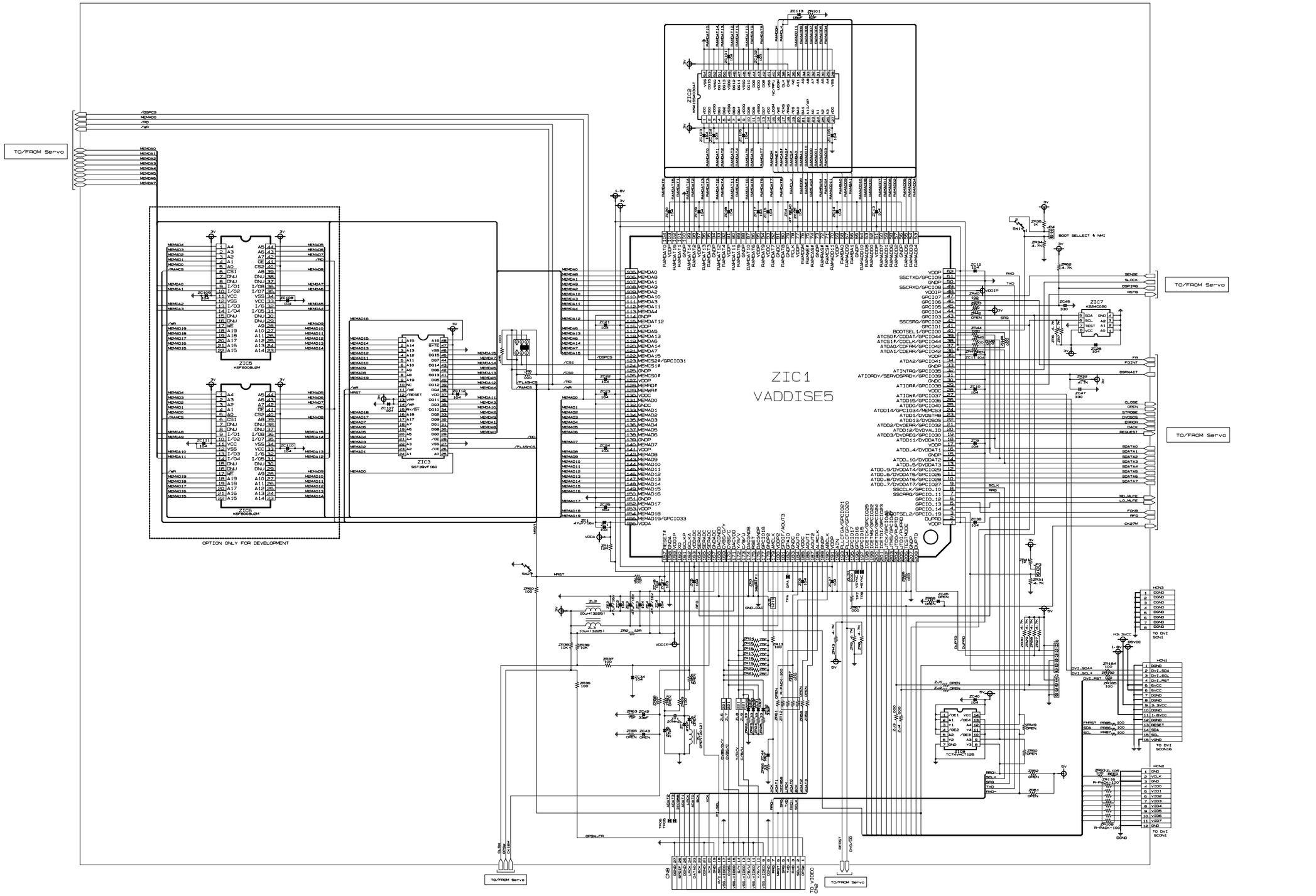


Jack PCB (Conductor Side)

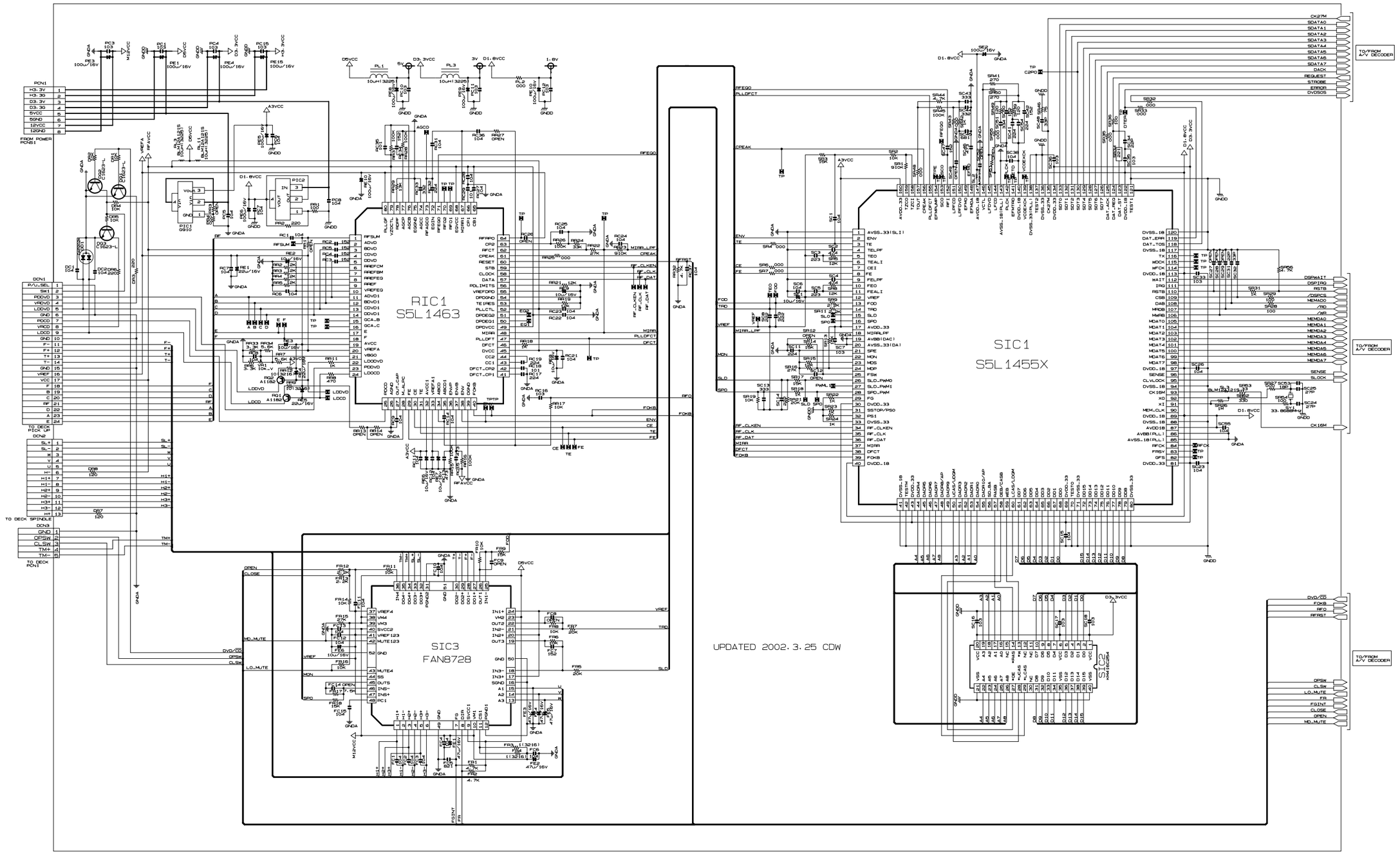
6-1 Power


OF THE PARTS IN HOT CIRCUIT.
CONNECT PRIMARY GND TO THE GND TERMINAL.
NOTE:WHEN YOU CHECK THE VOLTAGE
IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED WITH THE MARK ⚠.
HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE
PTD1
PRF10 2.7(2w)
PDS01 1T5
PDS02 1T5
PDS03 1T5
PDS04 1T5
PER10 82UF/400V
PCF02 100nF
PLS01 20mH
PCF01 100nF
PVA1 470V
PFD01 250V/1.6A
PCNS2 YW396-02V
PCD01 2.2NF
PCS03 2.2NF
PCD04 2.2NF
PBS01 BEAD
PRF11 47
PDF13 F1T4
PIC1 ICE2B265
PR2 270K
PR3 270K
PR4 270K
PRS13 27K2W
PPS12 27K2W
PDS11 UF4007
PBR11 BEAD
PCD11 103/630V
PCD12 101(1KV)
PRF12 1/50V
PCF20
PRF20 0.68/2W
PCF11 33/35V
PEF14 PZD11 33/35VMTZ4.3B
PRF17 22
PICS1 PC123
PICS2 KA431N
PRD32 220/330
PRD31 1.2K
PRS32 1K
PCS32 100nF
PRS33 3K(F)
PRS34 2.2K(F)
PDS31 UG2D
PMJP1 JMP
PMJP2 OPEN
PICS3 7812A
PES31 100U/25V
PES51 100U/25V
PJP56 JUMPER
PQL58 KSA733
PRL58 5K
PRL57 100K
AE10 10U/50V
AL1 10uH
KSR1101 PQL57
PDS33 SHK55-65
PLS02 10uH
PES33 1000U/16V
PRF99 OPEN
PQS55 KSR2001
PQS56 KSR1003
PRS54 2.2K
PES52 1U/50V
PDS52 1N4002
PDS34 SE55
PES34 1000U/10V
AGND
PDD35 F1T4
PES35 47U/50V
PRS31 1
PDS36 F1T4
PES36 470U/10V
PGND
PEF17 220U/10V
PRS52 470(1/4W)
PQS57 C2328
PQS58 C2328
PICS6 JUMP
PICS7 JUMP
PES56 100U/16V
W328 OPEN
PES57 100U/16V
PZS51 MTZJ5.1B
PRD34 1N4148
PES54 47U/16V
PICS4 PQ3RD13
PICS5 PQ3RD13
PES58 470U/10V
PES58 470U/10V
SCL10 10uH
VL1 10uH
AL4 10uH
PCNS1
1 H3.3V
2 H3.3G
3 D3.3V
4 D3.3G
5 5VCC
6 5GND
7 12VCC
8 12GND
TO SERVO PCN1
V12V
VAL5V
A12V
AS12V
D5VCC
AU5V
D3.3V
TO VIDEO
TO AUDIO
ON/OFF
FL5V
SAVE
VF+
-26V
VF-
TO/FROM FRONT MICOM
GND
GND
PGND
AGND

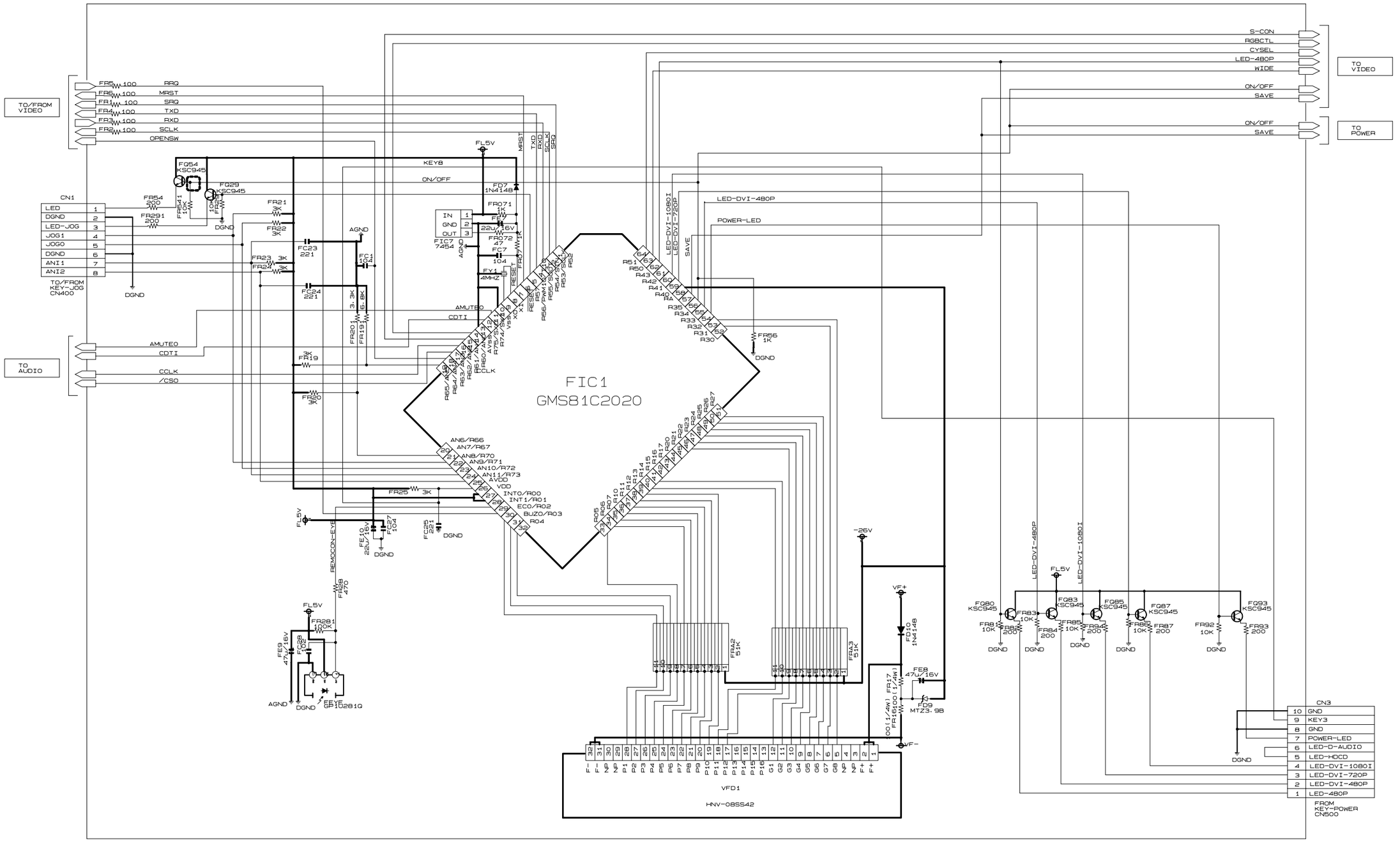
6-2 AV-Decoder/Main-Micom



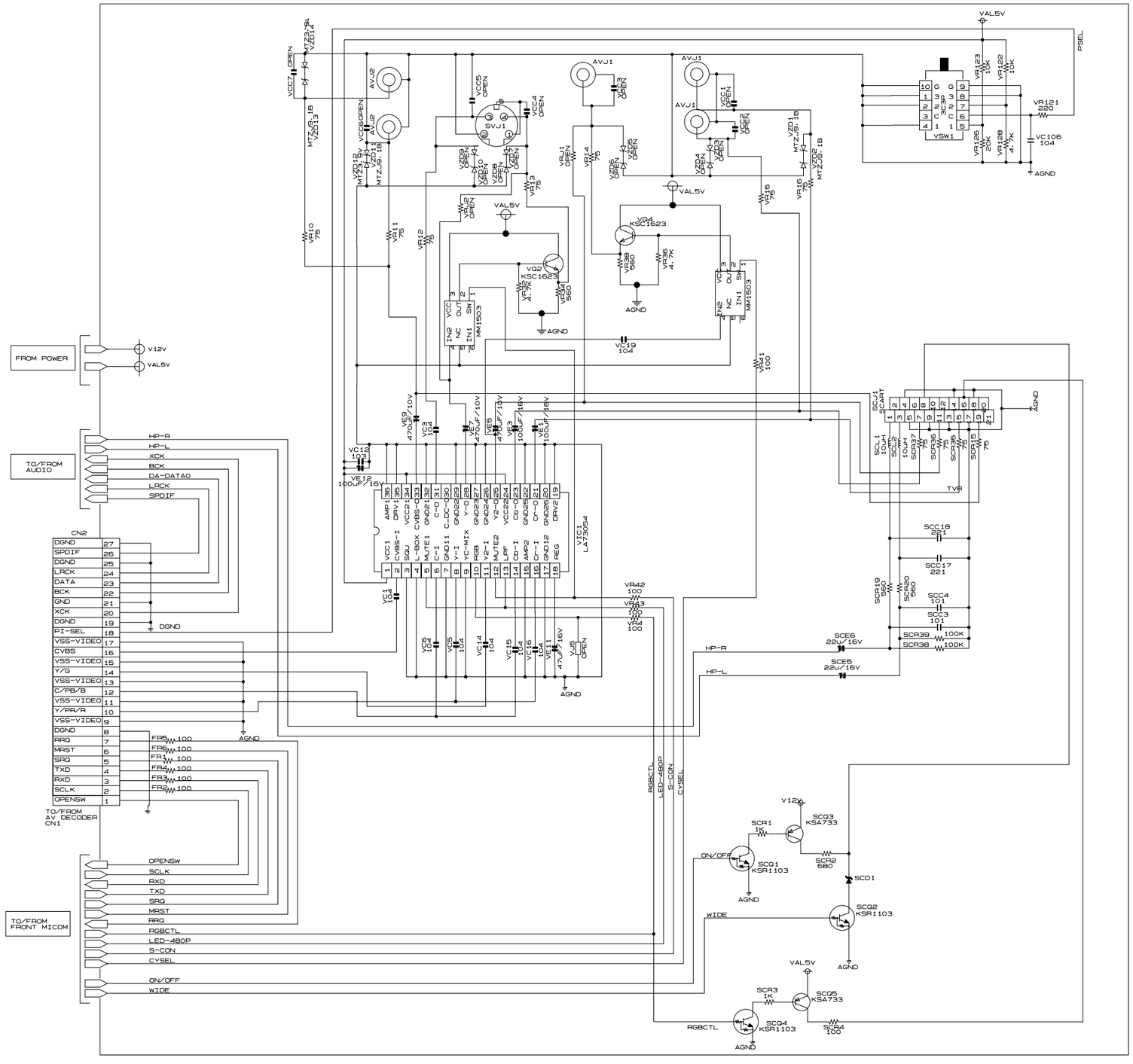
6-3 Servo


RIC1
S5L1463
SIC1
S5L1455X
SIC3
FAN8728
SIC2
UPDATED 2002. 3. 25 CDW

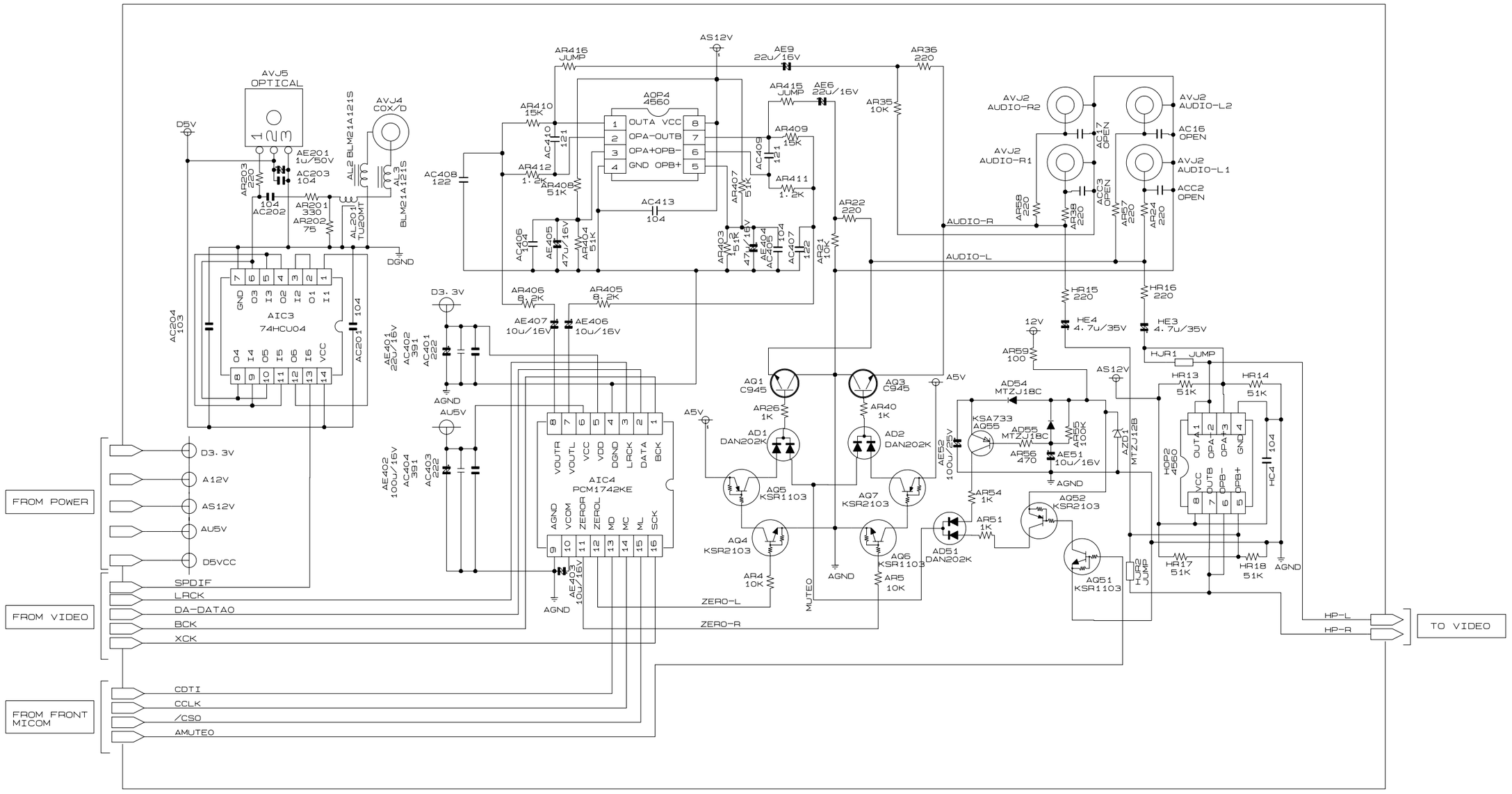
6-4 Front-Micom



6-5 Video


FROM POWER
V12V
VAL5V
TO/FROM AUDIO
HP-R
HP-L
XCK
BCK
DA-DATA0
LRCK
SPDIF
CN2
DGND 27
SPDIF 26
DGND 25
LRCK 24
DATA 23
BCK 22
GND 21
XCK 20
DGND 19
PI-SEL 18
VSS-VIDEO 17
CVBS 16
VSS-VIDEO 15
Y/G 14
VSS-VIDEO 13
C/PB/B 12
VSS-VIDEO 11
Y/PR/R 10
VSS-VIDEO 9
DGND 8
RRQ 7
MRST 6
SRQ 5
TXD 4
RXD 3
SCLK 2
OPENSW 1
TO/FROM AV DECODER CN1
TO/FROM FRONT MICOM
OPENSW
SCLK
RXD
TXD
SRQ
MRST
RRQ
RGBCTL
LED-480P
S-CON
CYSEL
ON/OFF
WIDE
DGND
AGND
PSEL
TVR
SVJ1
VSW1
VOL
VOLUME
VOL1
VOL2
VOL3
VOL4
VOL5
VOL6
VOL7
VOL8
VOL9
VOL10
VOL11
VOL12
VOL13
VOL14
VOL15
VOL16
VOL17
VOL18
VOL19
VOL20
VOL21
VOL22
VOL23
VOL24
VOL25
VOL26
VOL27
VOL28
VOL29
VOL30
VOL31
VOL32
VOL33
VOL34
VOL35
VOL36
VOL37
VOL38
VOL39
VOL40

6-6 Audio



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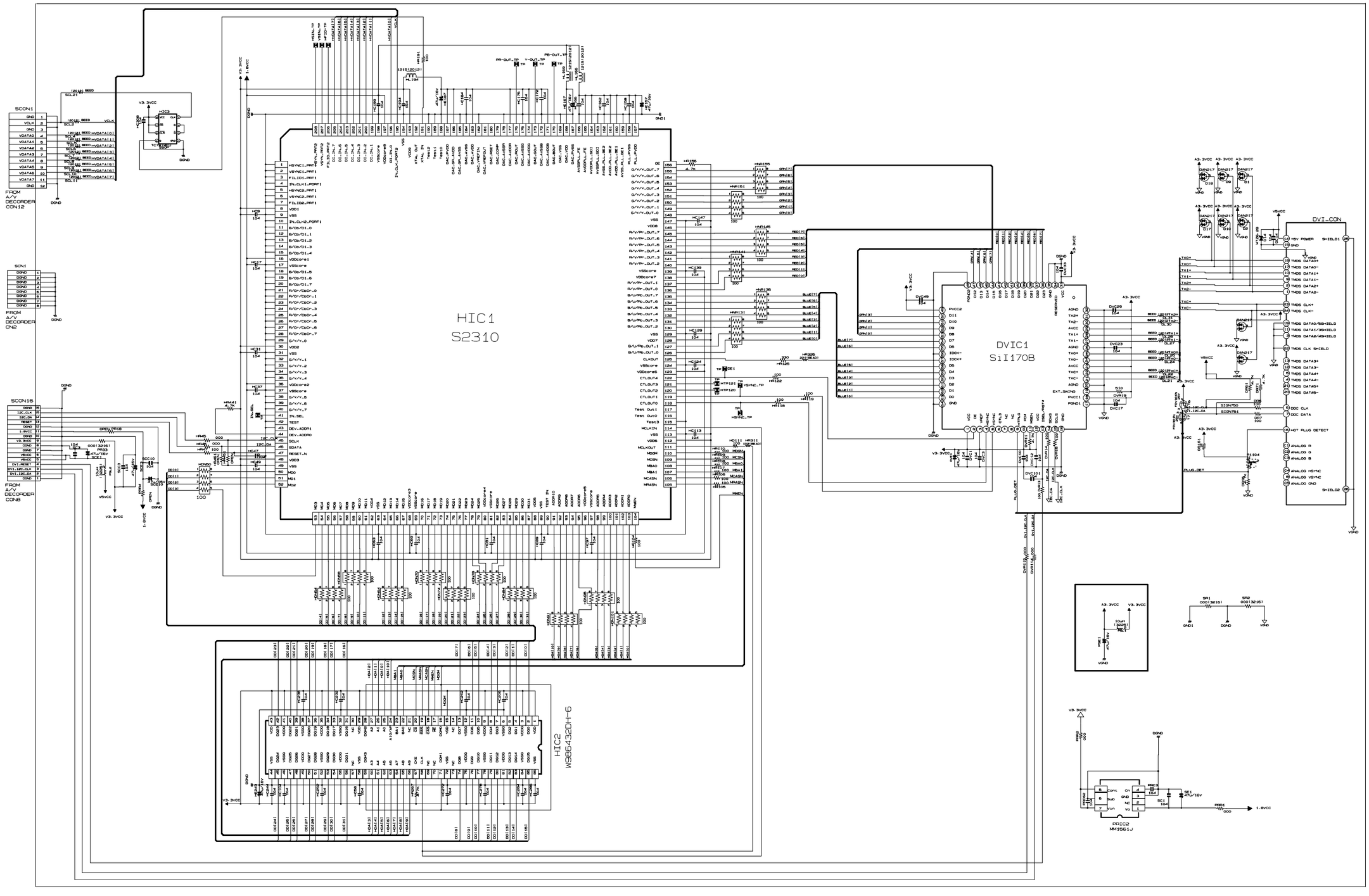
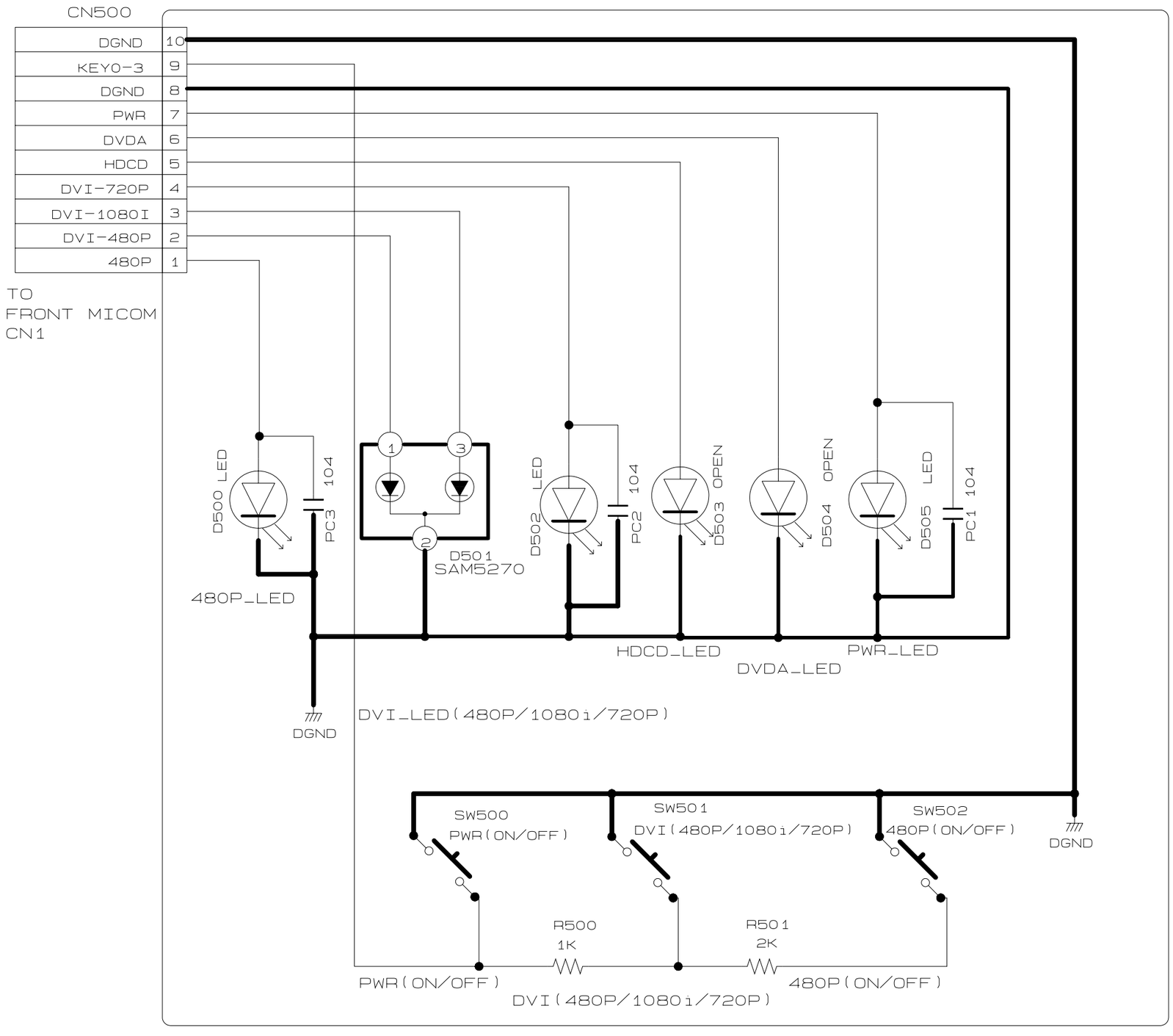
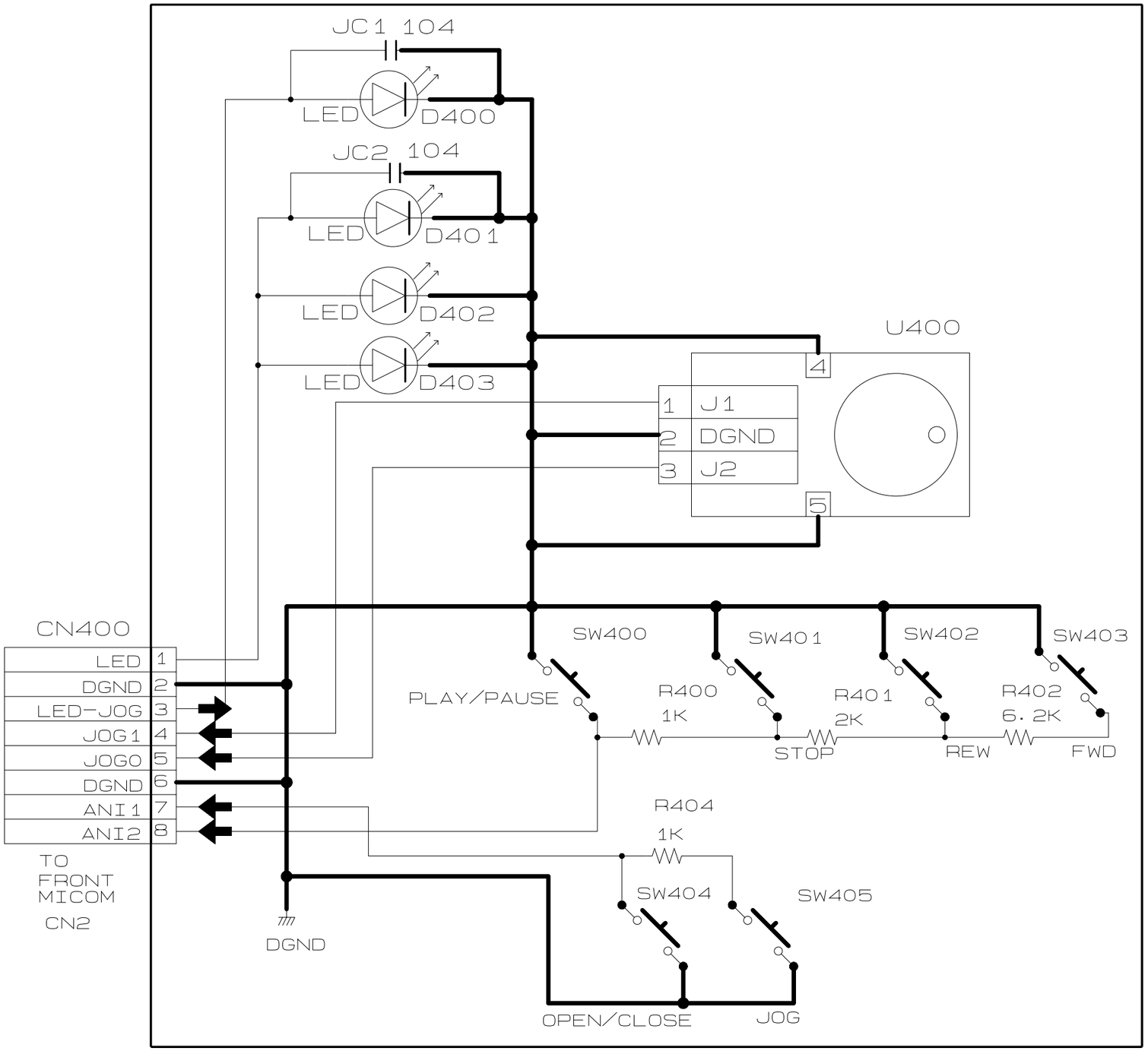
6-7 DVI


HIC1
S2310
DVIC1
Si1170B
DVI_CON
HIC2
W986432DH-6
PRIC2
MM1561J

6-8 Key-Power


CN500
DGND 10
KEY0-3 9
DGND 8
PWR 7
DVDA 6
HDCD 5
DVI-720P 4
DVI-1080I 3
DVI-480P 2
480P 1
TO
FRONT MICOM
CN1
D500 LED
PC3 104
D501
SAM5270
D502 LED
PC2 104
D503 OPEN
D504 OPEN
D505 LED
PC1 104
480P_LED
HDCD_LED
DVDA_LED
PWR_LED
DGND
DVI_LED(480P/1080i/720P)
SW500
PWR(ON/OFF)
SW501
DVI(480P/1080i/720P)
SW502
480P(ON/OFF)
DGND
R500
1K
R501
2K
PWR(ON/OFF)
480P(ON/OFF)
DVI(480P/1080i/720P)

6-9 Key-Jog



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